



UTILITY PATENT APPLICATION TRANSMITTAL

ADDRESS TO: Assistant Commissioner for Patents
Box Patent Application
Washington, D. C. 20231

Sir:

Transmitted herewith for filing is the patent application of:



INVENTOR(S): Timothy J. CHAINER and Anthony P. PRAINo

TITLE: *LOW POWER HARD DISK DRIVE USING MULTIPLE,
INDIVIDUALLY CONTROLLABLE ACTUATORS*

ASSIGNEE INFORMATION PURSUANT TO 37 C.F.R. 1.76

ASSIGNEE NAME: INTERNATIONAL BUSINESS MACHINES CORPORATION

ASSIGNEE RESIDENCE: ARMONK, NEW YORK

In connection with this application, the following are enclosed:

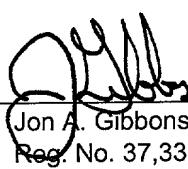
- Fee Transmittal Form
- 25 Pages of Specification, Claims and Abstract
- 21 Claims
- 5 Sheets of Formal Drawings (FIGS. 1-6)
- Declaration and Power of Attorney
- Associate Power of Attorney
- Assignment recordation sheet with Assignment to: INTERNATIONAL BUSINESS MACHINES CORPORATION



- Please direct all correspondence to Customer Number 23334

FLEIT, KAIN, GIBBONS, GUTMAN
& BONGINI P.L.
One Boca Commerce Center
551 Northwest 77th Street, Suite 111
Boca Raton, FL 33487
(561) 989-9811
(561) 989-9812 Fax

Respectfully submitted,

BY: 

Jon A. Gibbons
Reg. No. 37,333

FEE TRANSMITTAL

Transmitted herewith for filing is the patent application of:

INVENTOR(S): Timothy J. CHAINER and Anthony P. PRAINo

TITLE: *LOW POWER HARD DISK DRIVE USING MULTIPLE,
INDIVIDUALLY CONTROLLABLE ACTUATORS*

The fee has been calculated as shown below. (Small entity fees indicated in parentheses.)

For	Number Filed		Number Extra	Rate Large (Small)	Basic Fee
Total Claims	21		20	\$18 (\$9)	18
Independent Claims	3		0	\$84 (\$42)	0
Multiple Dependent Claims				\$280 (\$140)	0
Assignment Recording Fee				\$40	40
				TOTAL FEE:	\$ 798

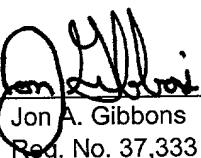
XX The Commissioner is hereby authorized to charge Deposit Account No. 50-0510 in the amount of \$798. A duplicate copy of this sheet is enclosed.

XX The Commissioner is hereby authorized to charge payments of (1) any additional filing fees required under 37 CFR 1.16, and/or (2) any patent application processing fees under 37 CFR 1.17 associated with this application or credit any overpayment to Deposit Account No. 50-0510.

Respectfully submitted,

FLEIT, KAIN, GIBBONS, GUTMAN
& BONGINI P.L.
One Boca Commerce Center
551 Northwest 77th Street, Suite 111
Boca Raton, FL 33487
(561) 989-9811
(561) 989-9812 Fax

BY:


Jon A. Gibbons
Reg. No. 37,333

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: : Atty Docket: YOR920000512US1
Timothy J. CHAINER et al. : APPLICATIONS BRANCH
Serial No. (not yet assigned) :
Filed: HEREWITH :

For: **LOW POWER HARD DISK DRIVE USING MULTIPLE,
INDIVIDUALLY CONTROLLABLE ACTUATORS**



CERTIFICATE OF EXPRESS MAIL MAILING

"Express Mail" Mailing Label No. **EL814454975US**

Date of Deposit: **January 2, 2002**

Box Patent Application
Assistant Commissioner for Patents
Washington, D.C. 20231

SIR:

I hereby certify that

- Application Transmittal
- Fee Transmittal Form
- Specification, Claims, Abstract
- 1 set of 5 sheets of formal drawings
- Declaration and Power of Attorney
- Associate Power of Attorney
- Assignment Recordation Sheet with Assignment
- Return postcard

are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and are addressed to:

Box Patent Application
Assistant Commissioner for Patents
Washington, D.C. 20231

1/2/02
Date of Deposit

Karen Taragowski

Name of person mailing papers

Karen Taragowski
Signature